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Montana Oil and Gas STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XIV, No. 1 — 3 — January, 1966

Production of crude oil and condensate from the oil and gas areas of Montana for the month of January, 1966, averaged 93,809 barrels daily, an increase of 1,935 barrels from the average December production of 91,847.

The nine refineries in state processed 90,422 barrels of crude oil daily for the month of January, 1966, a decrease of 2,823 barrels from the 93,245 barrels processed daily during the month of December, 1965.

During January, 75 wells were completed, 35 oil, 1 gas well and 39 dry holes.

During January, the commission issued 27 permits to drill new wells, a decrease of 34 from 61 permits issued during December.

SUMMARY OF CRUDE OIL PRODUCTION REFINING STORAGE, ETC., IN MONTANA

MONTH OF JANUARY, 1966

IN STORAGE JANUARY 1st	
By Producers	331,221
By Transporters	946,634
By Refiners	498,990
TOTAL STORAGE	1,776,845
Produced in Montana During Month	2,908,090
Imported During Month	1,909,840
TOTALS	6,594,775
DISPOSITION:	
Refined in Montana	2,803,087
Exported	1,796,878
Used for Fuel or Lost	14,873
TOTAL	4,614,838
IN STORAGE JANUARY 31st:	
By Producers	368,254
By Transporters	1,035,310
By Refiners	576,373
TOTAL STORAGE	1,979,937

NATURAL GAS WITHDRAWALS IN MONTANA

Month of January, 1966

Field	M Cu. Ft.
Bears Den	0
Big Coulee	151,673
Bowdoin	393,587
Bowes	50,855
Cabin Creek	85,176
Cedar Creek	855,002
Cut Bank (Including Reagan)	723,684
Devon	0
Dry Creek	215,718
Elk Basin	27,360
Flat Coulee	15,335
Gold Butte	0
Golden Dome	0
Grandview	0
Hardin	1,278
Keith Block	515,945
Kevin Sunburst	79,045
Lake Basin	117,136
Middle Butte	7,377
Mt. Lilly	30,250
Pine	61,950
Plevna	14,400
Utopia	112,729
Whitlash	181,882
Miscellaneous	54,133
TOTAL	3,694,515

Total withdrawals for January, 1965 were 2,884,645 M Cu. Ft.

PRODUCERS REPORT—MONTH OF JANUARY, 1966

Lease	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
2	Ash Creek	5	662	6,760	.....	6,752	.....	670
4	Bannatyne	5	1,183	632	.....	225	.....	1,590
1	Bascom	1	245	89	197	.....	.....	137
4	Bear's Den	5	1,222	1,705	.....	1,705	.....	1,222
1	Belfry	1	249	66	.....	.....	.....	315
1	Benrud	1	446	3,365	3,198	.....	.....	613
1	Benrud East	1	485	9,670	9,258	.....	.....	897
1	Benrud Northeast	1	686	13,989	14,071	.....	.....	604
8	Big Wall	24	2,529	16,643	16,654	.....	.....	2,518
5	Blackfoot	8	1,836	4,371	1,795	2,939	.....	1,473
1	Blackfoot East	1	503	149	.....	.....	.....	652
1	Bowes	51	6,411	10,468	8,543	.....	.....	8,336
2	Bradley	2	520	861	854	.....	.....	527
1	Brady	1	72	.....	.....	.....	.....	72
1	Bynum	1	271	.....	.....	.....	.....	271
2	Cabin Creek	107	6,264	268,434	267,891	.....	.....	6,807
14	Cat Creek	84	2,431	13,265	12,911	.....	.....	2,785
1	Clark's Fork	1	227	4	.....	156	.....	75
....	Conrad South	....	807	.....	.....	.....	.....	807
1	Cupton	1	1,142	513	.....	.....	.....	1,655
172	Cut Bank	1,080	99,105	353,488	345,912	4,249	1,060	101,372
3	Deer Creek	3	1,299	3,132	2,561	.....	.....	1,870
1	Delphia	1	161	753	.....	597	.....	317
....	Devil's Basin	....	451	.....	.....	.....	.....	451
1	Dry Creek	1	111	355	.....	405	.....	61
14	Dwyer	15	6,299	30,599	30,344	.....	.....	6,554
4	Elk Basin	54	1,740	251,788	251,536	.....	.....	1,992
5	Elk Basin Northwest	16	2,517	25,340	.....	25,313	.....	2,544
1	Fairview	1	553	18,014	.....	17,572	.....	995
3	Fertile Prairie	3	884	2,198	829	1,347	.....	906
24	Flat Coulee	31	4,883	27,680	24,835	1,912	.....	5,816
24	Flat Lake	36	9,225	101,710	99,693	.....	128	11,114
2	Frannie	2	.....	1,271	1,271	.....	.....	.....
13	Fred & George Creek	34	2,019	125,629	124,506	600	.....	2,542
1	Gage	1	67	170	.....	.....	.....	237
1	Gage Southwest	1	119	260	.....	192	.....	187
4	Gas City	28	3,746	45,272	36,668	7,239	.....	5,111
9	Glendive	14	3,737	29,571	23,585	5,901	.....	3,822
17	Goose Lake	19	3,514	67,709	67,281	.....	.....	3,942
6	Graben Coulee	11	2,388	3,400	2,242	980	.....	2,566
....	Grandview	....	112	.....	.....	.....	.....	112
4	Gypsy Basin	6	4,025	2,518	.....	1,157	1,145	4,241
1	Hibbard	1	407	615	.....	796	.....	226
7	Ivanhoe	10	3,922	19,072	18,890	.....	124	3,980
9	Keg Coulee	24	5,771	26,420	27,084	.....	33	5,074
2	Keg Coulee North	2	884	3,219	3,436	.....	.....	667
113	Kevin Sunburst	634	17,663	30,282	29,398	.....	.....	18,547
2	Little Beaver	26	2,129	27,689	24,421	340	.....	5,057
2	Little Beaver East	14	1,082	19,906	19,367	.....	.....	1,621
2	Lodge Grass	2	949	1,813	.....	1,726	.....	1,036
3	Lone Tree	3	1,094	5,183	.....	4,821	.....	1,456
23	Lookout Butte	70	3,195	115,964	103,001	9,107	1,836	5,215
....	Mackay Dome	....	770	.....	.....	.....	.....	770
2	Mason Lake	2	45	1,988	1,700	.....	.....	333
2	Melstone	5	1,455	2,172	2,267	.....	.....	1,360
1	Mineral Bench	1	525	4,238	4,095	.....	.....	668
6	Monarch	13	1,897	13,770	11,936	.....	.....	3,731
4	Mosser	4	.....	584	.....	584	.....	.....
7	Outlook	12	7,292	49,071	49,154	.....	.....	7,209
2	Outlook South	2	1,585	2,411	2,568	.....	.....	1,428
66	Pennel	112	4,768	180,324	178,063	.....	.....	7,029
4	Pine	126	14,213	333,759	333,090	.....	.....	14,882
4	Pole Creek	4	1,094	2,243	.....	1,685	.....	1,652
65	Pondera	301	7,323	27,726	26,102	.....	20	8,927
4	Poplar East	73	9,356	81,889	79,284	.....	59	11,902
4	Poplar Northwest	5	1,474	1,802	1,586	.....	.....	1,690
1	Prairie Elk	1	1,059	129	.....	.....	.....	1,188
4	Ragged Point	15	2,629	3,203	2,800	.....	105	2,927
2	Ranch Creek	2	608	2,989	.....	3,061	6	530
2	Reagan	41	2,823	17,672	17,574	.....	.....	2,921
1	Red Creek	27	718	25,341	25,798	.....	.....	261
1	Redstone	1	258	959	782	.....	.....	435
1	Repeat	1	458	1,616	.....	1,949	.....	125
3	Richey	3	2,710	277	888	.....	.....	2,099
6	Richey Southwest	7	3,357	10,460	.....	9,712	.....	4,105
4	Sand Creek	5	.....	6,989	6,989	.....	.....	.....
....	Shotgun Creek	....	446	.....	.....	288	15	143
2	Sidney-Brorson	2	2,190	864	.....	864	.....	2,190
1	Snyder	3	1,653	565	.....	187	.....	2,031
5	Soap Creek	9	4,506	3,919	.....	4,103	.....	4,322
2	Spring Lake	3	2,590	4,886	.....	4,049	.....	3,427
2	Stensvad	24	4,043	28,110	27,114	.....	.....	5,039
28	Sumatra	78	11,190	77,792	77,036	.....	136	11,810
4	Tule Creek	5	2,837	46,534	.....	46,579	.....	2,792
2	Tule Creek East	2	214	35,697	31,854	3,681	.....	376
1	Tule Creek South	1	687	4,470	.....	4,607	.....	550
2	Vida	2	679	2,682	.....	2,824	.....	537
4	Volt	6	2,346	19,094	18,753	.....	.....	2,687
7	Weldon	16	6,730	158,647	156,259	.....	.....	9,118
14	Whitlash	42	6,867	20,898	16,352	3,509	.....	7,904
1	Whitlash West	1	140	214	214	.....	.....	140
2	Wills Creek South	2	1,094	8,669	8,500	.....	.....	1,263
9	Wolf Springs	14	3,259	25,645	21,748	.....	2,687	4,469
3	Woodrow	4	132	3,901	3,535	.....	.....	498
....	Wildcat, Carbon County	....	50	.....	.....	.....	.....	50
1	Wildcat, Glacier County	1	106	20	.....	.....	.....	126
....	Wildcat, Liberty County	....	305	.....	.....	.....	.....	305
1	Wildcat, Roosevelt County	1	137	761	.....	528	.....	370
1	Wildcat, Sheridan County	1	361	1,106	.....	1,190	.....	277
813	Totals	3,424	331,221	2,908,090	2,678,273	185,431	7,354	368,253

Total Oil Produced and Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1965	32,778,118	89,803	32,787,648	89,829
January, 1966	2,908,090	93,809	2,863,704	92,377

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1965	331,221	946,634	498,990	1,776,845
January, 1966	368,253	1,035,310	576,373	1,979,936

*Includes Wyoming Oil

TRANSPORTERS MONTHLY REPORT—MONTH OF JANUARY, 1966

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck	.....	.....	6,752	.....	.....	.....	6,752	.....	.....
BANNATYNE—Truck	.....	.....	225	.....	.....	225	.....	.....	.....
BEAR'S DEN—Truck	.....	.....	1,705	.....	.....	.....	.....	1,705	.....
BIG WALL—Continental Pipeline Co.	.....	16,654	.....	.....	.....	16,654	.....	.....	.....
BLACKFOOT—									
Union Oil Co.	.....	1,795	.....	.....	.....	.....	.....	1,795	.....
Thompson Crude Purchasing	.....	.....	2,939	.....	.....	.....	.....	2,939	.....
	.....	1,795	2,939	.....	.....	.....	.....	4,734	.....
BOWES—Texaco Inc.	.....	8,543	.....	.....	.....	8,543	.....	.....	.....
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	348,519	848,210	44,216	768,704	.....	.....	1,642,259	.....	367,390
Shell Pipeline Co.	5,199	292,713	.....	615	(214)	.....	.....	294,500	4,241
	353,718	1,140,923	44,216	769,319	(214)	.....	1,642,259	294,500	371,631
CAT CREEK—Continental Pipeline Co.	.....	11,669	.....	.....	.....	11,669	.....	.....	.....
CLARK'S FORK—Truck	.....	.....	156	.....	.....	.....	156	.....	.....
CUT BANK—									
Darling Gathering System, Inc.	6,270	15,910	.....	.....	(2,135)	.....	.....	19,113	5,202
Continental Pipeline Co.	.....	.....	8,898	347,189	.....	356,087	.....	.....	.....
Phillips Petroleum Co.	77,701	59,355	.....	60,224	464	95,214	.....	30,941	70,661
Texas Pipeline Co.	15,927	48,583	.....	8,545	(8)	.....	.....	51,741	21,322
Union Oil Co.	83,104	91,466	.....	.....	1,351	95,878	.....	.....	77,341
Western Oil Transportation Co.	21,040	33,086	.....	138,070	330	.....	.....	152,940	38,926
Western Oil Trans. (Moulton)	.....	111,943	.....	.....	1,119	.....	.....	110,824	.....
Portal Pipe Line Co.	.....	25,169	.....	.....	.....	.....	25,169	.....	.....
	204,042	385,512	8,898	554,028	1,121	547,179	25,169	365,559	213,452
DELPHIA—Truck	.....	.....	597	.....	.....	597	.....	.....	.....
DRY CREEK—Truck	.....	.....	405	.....	.....	405	.....	.....	.....
DWYER—Portal Pipeline Co.	.....	30,411	.....	.....	.....	.....	30,411	.....	.....
ELK BASIN—Marathon Pipeline Co.	.....	274,722	.....	.....	.....	274,722	.....	.....	.....
ELK BASIN NORTHWEST—Truck	.....	.....	25,313	.....	.....	.....	25,313	.....	.....
FAIRVIEW—									
Rock Island Oil & Ref. Co.	.....	.....	17,572	.....	.....	.....	17,572	.....	.....
FLAT COULEE—									
Camerland Cardinal Corp.	3,000	23,227	.....	.....	.....	.....	.....	23,227	3,000
FLAT LAKE—Portal Pipeline Co.	.....	99,591	.....	.....	.....	.....	99,591	.....	.....
FRANNIE—Interstate Pipeline Co.	.....	1,271	.....	.....	.....	.....	.....	1,271	.....
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	562	121,677	.....	.....	.....	28,960	.....	82,213	11,066
GAGE & GAGE S.W.—Truck	.....	.....	192	.....	.....	192	.....	.....	.....
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	7,241	38,678	.....	.....	1,185	.....	.....	41,091	3,643
GOOSE LAKE—Portal Pipeline Co.	.....	66,551	.....	.....	.....	.....	66,551	.....	.....
HIBBARD—Truck	.....	.....	796	.....	.....	796	.....	.....	.....
IVANHOE—Continental Pipeline Co.	.....	21,540	.....	.....	.....	21,540	.....	.....	.....
KEG COULEE & KEG COULEE NORTH—Continental Pipeline Co.	.....	29,567	.....	.....	.....	18,911	.....	10,656	.....
KEVIN SUNBURST—									
Big West Oil Co.	3,096	46,020	.....	.....	.....	46,125	.....	.....	2,991
Homestake Oil & Gas Co.	3,576	1,811	.....	19,113	(2,439)	22,160	.....	.....	4,779
Texas Pipeline Co.	7,477	9,557	.....	.....	116	.....	.....	8,545	8,373
	14,149	57,388	.....	19,113	(2,323)	68,285	.....	8,545	16,143
LODGE GRASS—McWood Corp.	.....	.....	1,726	.....	.....	1,726	.....	.....	.....
LONE TREE—Truck	.....	.....	4,821	.....	.....	.....	4,821	.....	.....
MASON LAKE—Continental Pipeline Co.	.....	1,700	.....	.....	.....	1,700	.....	.....	.....
MELSTONE—Continental Pipeline Co.	.....	2,267	.....	.....	.....	2,267	.....	.....	.....
MOSSER—Truck	.....	.....	584	.....	.....	.....	584	.....	.....
POLE CREEK—Truck	.....	.....	1,685	.....	.....	.....	1,685	.....	.....
PONDERA—Phillips Petr. Co.	27,402	26,265	.....	.....	1,591	43,578	.....	.....	8,498
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT—									
East Poplar Gathering System	19,905	246,691	.....	.....	896	.....	.....	247,517†	18,183
RAGGED POINT—									
Continental Pipeline Co.	.....	4,447	.....	.....	.....	4,447	.....	.....	.....
RANCH CREEK—									
Rock Island Oil & Ref. Co.	.....	.....	3,061	.....	197	.....	2,864	.....	.....
RED CREEK—									
Western Oil Transportation Co.	.....	25,797	.....	.....	258	.....	.....	25,539	.....
SHOTGUN CREEK—Truck	.....	.....	288	.....	.....	.....	288	.....	.....
SIDNEY-BRORSON—McWood Corp.	6,827	.....	864	5,118	.....	.....	.....	9,933	2,876
SNYDER—Truck	.....	.....	187	.....	.....	187	.....	.....	.....
SOAP CREEK—McWood Corp.	5,067	.....	4,103	2,127	189	.....	.....	6,619	4,489
SPRING LAKE—									
Rock Island Oil & Ref. Co.	.....	.....	4,049	.....	.....	.....	4,049	.....	.....
SUMATRA & STENSVAD—									
Continental Pipeline Co.	298,640	103,630	.....	400,745	2,331	81,257	.....	341,647	377,780
TULE CREEK—Tesoro Petr. Corp.	6,081	.....	50,260	.....	.....	51,792	.....	.....	4,549
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.	.....	17,697	.....	.....	.....	17,697	.....	.....	.....
Thompson Crude Purchasing	.....	.....	3,509	.....	.....	3,509	.....	.....	.....
	.....	17,697	3,509	.....	.....	21,206	.....	.....	.....
WOLF SPRINGS—									
Continental Pipeline Co.	.....	24,451	.....	.....	.....	24,451	.....	.....	.....
WILDCAT WELLS—Truck	.....	.....	528	.....	.....	528	.....	.....	.....
TOTALS	946,634	2,782,664	185,431	1,750,450	5,231	1,231,817	1,928,065	1,464,756	1,035,310

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

†Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF JANUARY, 1966

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall	.....	.....	.....	16,654	.....	.....	.....	.....	.....	16,654
Bowes	.....	.....	5,278	.....	.....	.....	.....	.....	.....	5,278
Cat Creek	.....	7,847	.....	.....	.....	103	.....	.....	.....	7,950
Cut Bank	.....	.....	.....	.....	.....	.....	95,579	.....	69,968	165,547
Delphia	.....	.....	.....	.....	.....	22	.....	.....	.....	22
Elk Basin	.....	102,871	.....	67,717	104,134	.....	.....	.....	.....	274,722
Fred & George Creek	28,960	.....	.....	19,786	.....	.....	.....	.....	.....	48,746
Gage & Gage S.W.	.....	.....	.....	.....	.....	17	.....	.....	.....	17
Hibbard	.....	.....	.....	.....	.....	28	.....	.....	.....	28
Ivanhoe	.....	21,540	.....	.....	.....	.....	.....	.....	.....	21,540
Keg Coulee	.....	.....	.....	18,911	.....	.....	.....	.....	.....	18,911
Kevin Sunburst	43,991	.....	.....	.....	.....	.....	.....	.....	24,294	68,285
Lodge Grass	.....	1,726	.....	.....	.....	.....	.....	.....	.....	1,726
Mason Lake	.....	1,700	.....	.....	.....	.....	.....	.....	.....	1,700
Melstone	.....	.....	.....	2,267	.....	.....	.....	.....	.....	2,267
Pondera	.....	.....	.....	.....	.....	.....	43,939	.....	.....	43,939
Ragged Point	.....	4,447	.....	.....	.....	.....	.....	.....	.....	4,447
Red Creek	.....	.....	.....	.....	14,657	.....	.....	.....	.....	14,657
Richey Southwest	.....	.....	.....	.....	.....	18	.....	.....	.....	18
Snyder	.....	187	.....	.....	.....	.....	.....	.....	.....	187
Sumatra & Stensvad	.....	16,595	.....	64,662	11,839	.....	.....	.....	.....	93,096
Tule Creek	.....	.....	.....	.....	.....	.....	.....	51,792	.....	51,792
Whitlash	21,206	.....	.....	.....	.....	.....	.....	.....	.....	21,206
Wolf Springs	.....	.....	.....	.....	30,512	.....	.....	.....	.....	30,512
Total Montana Oil	94,157	156,913	5,278	189,997	161,142	188	139,518	51,792	94,262	893.247
Canadian Oil Imported	.....	345,501	.....	.....	.....	.....	.....	.....	1,688	347,189
Wyoming Oil Imported	.....	349,996	.....	345,393	867,255	7	.....	.....	.....	1,562,651
Total Montana, Canadian and Wyoming Oil	94,157	852,410	5,278	535,390	1,028,397	195	139,518	51,792	95,950	2,803,087

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1965	32,792	12,751	44,980	90,523
January, 1965	33,076	15,424	44,331	92,831
January, 1966	28,814	11,200	50,408	90,422

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1965	36.22%	14.10%	49.68%
January, 1965	35.63%	16.62%	47.75%
January, 1966	31.86%	12.40%	55.74%